

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

1. (currently amended) A wireless communication system comprising:

a plurality of base stations simultaneously communicating with a mobile station by receiving a radio signal relating to a first communication type transmitted by the mobile station;

a specific base station communicating with the mobile station by receiving a radio signal relating to a second communication type different from the first communication type; and

a controller receiving signals, based on the radio signal relating the first communication type, from said plurality of base stations, and receiving a signal, based on the radio signal relating to the second communication type, from said specific base station,

wherein said controller transmits a first control signal to said plurality of base stations and said specific base station, on the basis of the signal based on the radio signal relating to the second communication type received from the specific base station, and said plurality of base stations and said specific

base station control the radio signal transmission of the mobile station based on the first control signal.

2. (original) A wireless communication system according to claim 1, wherein the first communication type is applied to a voice communication, the second communication type is specialized to a packet access communication.

3. (original) A wireless communication system according to claim 1, wherein the signal received by said controller from said specific base station comprises a quality information on the radio signal relating to the second communication type received by the specific base station from the mobile station,

said controller generates the first control signal on the basis of the quality information.

4. (original) A wireless communication system according to claim 1, wherein said controller generates a quality target, as the first control signal, for the radio signal received by said plurality of base station and said specific base station communicating with the mobile station.

5. (original) A wireless communication system according to claim 1, wherein said plurality of base stations and said specific base station receive the first control signal transmitted by said controller, and transmits a second control signal to the mobile station, on the basis of the first control signal.

6. (original) A wireless communication system according to claim 5, wherein the signal received by said controller from said specific base station comprises a quality information on the radio signal relating to the second communication type received by the specific base station from the mobile station,

the first control signal is a quality target for the radio signal received by said plurality of base stations and the radio signal received by the specific base station from the mobile station,

the second control signal is a transmit power control signal for controlling a transmit power of the radio signal transmitted by the mobile station.

7. (original) A wireless communication system according to claim 6, wherein the transmit power control signal directs to increase or decrease the transmit power of the radio signal transmitted by the mobile station.

8. (currently amended) A wireless communication system comprising:

a mobile station transmitting a radio signal relating to a first communication type and a radio signal relating to a second communication type different from the first communication type;

a plurality of base stations communicating with said mobile station by receiving the radio signal relating to the first communication type;

a specific base station communicating with said mobile station by receiving the radio signal relating to the second communication type; and

a controller receiving signals, based on the radio signal relating the first communication type, from said plurality of base stations, and receiving a signal based on the radio signal relating to the second communication type, from said specific base station,

wherein said controller transmits a first control signal to said plurality of base stations and said specific base station, on the basis of the signal based on the radio signal relating to the second communication type received from the specific base station, and said plurality of base stations and said specific base station control the radio signal transmission of the mobile station based on the first control signal.

9. (currently amended) A controller in a wireless communication system for a mobile station simultaneously communicating with a plurality of base stations comprising:

a receiver receiving a plurality of signals, relating to a first communication type, from a plurality of base stations, and receiving a signal, relating to a second communication type different from the first communication type, from a specific base station; and

a transmitter transmitting, coupled to said receiver, a control signal generated on the basis of the signal relating to

the second communication type received by said receiver from the specific base station, to the plurality of base stations and the specific base station,

wherein said plurality of base stations and said specific base station control the radio signal transmission of the mobile station based on the first control signal.

10. (original) A controller in a wireless communication system for a mobile station communicating with a plurality of base stations according to claim 9, wherein the first communication type is applied to a voice communication, the second communication type is specialized to a packet access communication.

11. (original) A controller in a wireless communication system for a mobile station communicating with a plurality of base stations according to claim 9, wherein the signal received by said receiver from said specific base station comprises a quality information on a radio signal relating to the second communication type received by the specific base station from the mobile station.

12. (original) A controller in a wireless communication system for a mobile station communicating with a plurality of base stations according to claim 11, wherein the first control signal is a quality target for a radio signal received by said plurality of base stations and the radio signal received by the specific base station from the mobile station.

13. (currently amended) A controller in a wireless communication system for a mobile station simultaneously communicating with a plurality of base stations comprising:

a receiving means for receiving a plurality of signals, relating to a first communication type, from a plurality of base stations, and receiving a signal, relating to a second communication type different from the first communication type, from a specific base station; and

a transmitting means for transmitting a control signal generated on the basis of the signal relating to the second communication type received by said receiving means from the specific base station, to the plurality of base stations and the specific base station,

wherein said plurality of base stations and said specific base station control the radio signal transmission of the mobile station based on the first control signal.

14. (original) A controller in a wireless communication system for a mobile station communicating with a plurality of base stations according to claim 13, wherein the first communication type is applied to a voice communication, the second communication type is specialized to a packet access communication.

15. (original) A controller in a wireless communication system for a mobile station communicating with a plurality of base stations according to claim 13, wherein the signal received

by said receiving means from said specific base station comprises a quality information on a radio signal relating to the second communication type received by the specific base station from the mobile station.

16. (original) A controller in a wireless communication system for a mobile station communicating with a plurality of base stations according to claim 15, wherein the first control signal is a quality target for a radio signal received by said plurality of base stations and the radio signal received by the specific base station from the mobile station.

17. (currently amended) A controlling method for a wireless communication system comprising:

communicating simultaneously between a plurality of base station and a mobile station by using a radio signal relating to a first communication type;

communicating between a specific base station and the mobile station by using a radio signal relating to a second communication type different from the first communication type;

receiving a signal, based on the radio signal relating to the first communication type, from the plurality of base stations;

receiving a signal, based on the radio signal relating to the second communication type, from the specific base station;  
and

transmitting a first control signal to said plurality of base stations and the specific base station, on the basis of the received signal based on the radio signal relating to the second communication type, and said plurality of base stations and said specific base station control the radio signal transmission of the mobile station based on the first control signal.

18. (original) A controlling method for a wireless communication system according to claim 17:

receiving the first control signal; and

transmitting a second control signal to the mobile station, on the basis of the first control signal.

19. (original) A controlling method for a wireless communication system according to claim 18, wherein

the received signal, based on the radio signal relating to the second communication type, comprises a quality information on the radio signal relating to the second communication type,

the first control signal is a quality target for the radio signal relating to the first communication type and the radio relating to the second communication type,

the second control signal is a transmit power control signal for controlling a transmit power of the mobile station.

20. (original) A wireless communication system for a mobile station according to claim 19, wherein the transmit power



control signal directs to increase or decrease the transmit power of the mobile station.